

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



542986

(43) International Publication Date
12 August 2004 (12.08.2004)

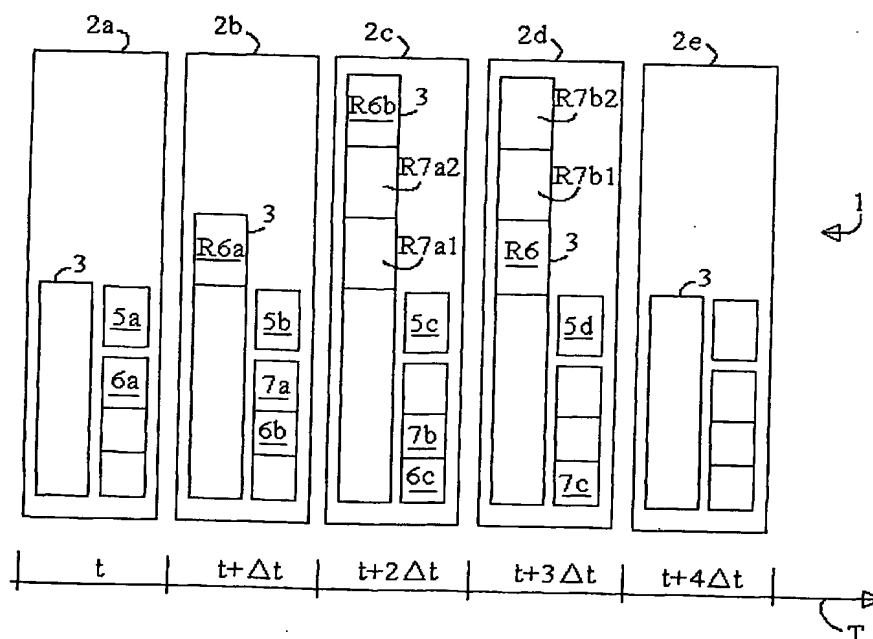
PCT

(10) International Publication Number
WO 2004/068338 A1

- (51) International Patent Classification⁷: **G06F 9/38**
- (21) International Application Number: PCT/SE2004/000103
- (22) International Filing Date: 27 January 2004 (27.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0300198-9 28 January 2003 (28.01.2003) SE
60/319,941 12 February 2003 (12.02.2003) US
- (71) Applicant (for all designated States except US): **XELER-ATED AB** [SE/SE]; Olof Palmes gata 29, S-111 22 Stockholm (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **NORDMARK, Gunnar** [SE/SE]; Hästhagsvägen 13, SE-182 39 Danderyd (SE). **STRÖMQVIST, Thomas** [SE/SE]; Hagalundsgatan 42, S-169 64 Solna (SE).
- (74) Agent: **ALBIHNS STOCKHOLM AB**; P.O. Box 5581, SE-114 85 Stockholm (SE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: A METHOD IN PIPELINED DATA PROCESSING



(57) Abstract: A method in a processor is presented, in which data is processed in a pipelined manner, the data being included in a plurality of contexts, comprising a first (3), in addition to which a plurality of operations is adapted to be executed on the contexts. The method comprises executing an initial operation step (6a) of a first operation on the first context (3), and subsequently commencing an execution of an initial operation step (7a) of a second operation on the first context (3) before an execution on the first context (3) of a following operation step (6b) of the first operation is completed.

WO 2004/068338 A1

WO 2004/068338 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.